

**IN THE SPECIFICATION**

Please amend page 1 by inserting the following heading between the title of the invention and the first paragraph:

**"FIELD OF THE INVENTION"**

Please amend page 1 by inserting the following heading between the first and second paragraphs:

**"BACKGROUND OF THE INVENTION"**

Please amend page 2 by inserting the following heading on line 16:

**"BRIEF SUMMARY OF THE INVENTION"**

Please amend page 5 by inserting the following heading on line 25:

**"BRIEF DESCRIPTION OF THE DRAWINGS"**

Please amend page 6 by inserting the following heading on line 14:

**"DETAILED DESCRIPTION OF THE INVENTION"**

Please amend page 11 by inserting the following language between the "CLAIMS" heading and claim 1:

**"I/We claim:"**

Please amend page 1 lines 5-6 as follows:

**"With reference to Figures 1 and 2, ~~our earlier~~from European patent application publication no. 0,805,275, ~~describes~~ a compound vacuum pump is shown having a regenerative pumping"**

Please amend page 2 line 14 as follows:

**~~"In at least its preferred embodiment, t~~The present invention seeks to solve this ..."**

Please amend page 3 line 5 as follows:

~~"Preferably, t~~The axial magnetic bearing can comprises an electromagnet arranged ..."

Please amend page 3 line 11 as follows:

~~"Preferably, t~~The electromagnet is can be supplemented by a second electromagnet"

Please amend page 4 line 12 as follows:

"between the rotor and the stator. This ~~could~~can be achieved by moving the rotor"

Please amend page 4 line 15 as follows:

"these thermal effects ~~could~~can be built into the controller, so that they are taken ..."

Please amend page 5 lines 26-27 as follows:

~~"Preferred features of t~~The present invention will now be described, by way of example only, with reference to the accompanying drawing, in which: [[-]]"

Please amend page 5 line 29 as follows:

"Figure 1 is a sectional view through a representation of a prior art vacuum pumping"

Please amend page 5 line 32 as follows:

"Figure 2 is an enlarged sectional view of a portion of the representation shown in Figure 1;"

Please amend page 6 lines 1-2 as follows:

"Figure 3 is a sectionalal view ~~through a representation of~~ a vacuum pumping arrangement of the present invention;"

Please amend page 6 line 5 as follows:

"Figure 4 is an enlarged sectional view of a portion of the representation shown in Figure 3;"

Please amend page 6 line 12 as follows:

"Figure 7 is ~~another~~ an enlarged sectional view of a lower portion the representation shown in Figure..."

Please amend page 10 by deleting the text beginning on line 4 and ending on line 7 as follows:

~~"It is to be understood that the foregoing represents one embodiment of the invention, others of which will no doubt occur to the skilled addressee without departing from the true scope of the invention as defined by the claims appended hereto."~~

Please amend page 10 by inserting the following text beginning on line 25 as follows:

"Although the foregoing represents several embodiments of the invention, it will be understood by those skilled in the art that various changes in form and details may be made therein without departing from the scope of the invention as may be further defined by the claims appended hereto."